BRUHATH BANGALORE MAHANAGARA PALIKE
RAJARAJESHWARI NAGARA DIVISION
SCHEDULE B

NAME OF WORK: PROVIDING DRINKING WATER FACILITIES IN BAHUBALINAGARA AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Sl.No	Qty	Description of work	Unit	Tender Rate	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	2310.00	Earthwork in surface excavation in Hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	Cum	258.85	Rupees Two Hundred Fifty Eight And Paise Eighty Five Only
2	987.53	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specifications.	Cum	332.98	Rupees Three Hundred Thirty Two And Paise Ninety Eight Only
3	62.37	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Cement concrete road.	Cum	714.20	Rupees Seven Hundred Fourteen And Paise Twenty Only
4	145.53	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Asphalt surface road.	Cum	400.04	Rupees Four Hundred And Paise Four Only
5	4620.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 50mm nominal OD pipes	Mtr	529.47	Rupees Five Hundred Twenty Nine And Paise Forty Seven Only
6	30.00	Providing and fixing gun metal wheel valve conforming to IS specification of approved make as per directions including all lead and lift etc., complete.- for 50mm dia	Nos	1694.30	Rupees One Thousand Six Hundred Ninety Four And Paise Thirty Only

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7	1212.75	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work) - 32mm nominal CD pipes	Mtr	252.97	Rupees Two Hundred Fifty Two And Paise Ninety Seven Only
8	3.73	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 7.5Newton per sqmm (Machine moulded Wirecut bricks) with cement mortar 1:6 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Cum	12191.93	Rupees Twelve Thousand One Hundred Ninety One And Paise Ninety Three Only
9	577.50	Providing and fixing in position Bib Cock of approved quality 25mm nominal bore - NP including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Nos	252.97	Rupees Two Hundred Fifty Two And Paise Ninety Seven Only
10	693.00	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	89.42	Rupees Eighty Nine And Paise Forty Two Only
11	2803.77	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. Haulage Distance - 10km's	Cum	111.00	Rupees One Hundred Eleven Only
		Borewell			
12	3.00	Geophysical investigation of site for sinking bore well for supply drinking water to the habitation either through the Hand Pump. MWS or PWSS by vertical electrical sounding by adopting Venner or schlumberger's method, including reconnaissance survey of geological formation, Geophysical investigation of existing ground infecundity its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top in consolidated formation of proper scatting of casing pipe ,depth of drilling required to cover full depth of auquifer propopsed to be tapped Proboabale yield and other information required including transporetation technical personal and labour etc	Each	1882.00	Rupees One Thousand Eight Hundred Eighty Two Only

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13	150.00	Sinking of borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG and above 900 CMF and above in all strata including over burden upto 20m, fixing of casing pipes, collars and cap with necessary welding, cutting and treading including transportation of rig and supporting vehicles, screw charges and cost of consumables, etc.. complete including yield testing at the final depth with a minimum working of compressor for one hour.(excluding cost of casing pipes, collars, caps etc.,)---------a) 0.00 to 50.00 mts	Rmt	306.00	Rupees Three Hundred Six Only
15	150.00	*b) 50.00 to 100.00 mts*	Rmt	400.00	Rupees Four Hundred Only
16	150.00	*c) 100.00 to 150.00 mts*	Rmt	445.00	Rupees Four Hundred Forty Five Only
17	150.00	*d) 150.00 to 200.00 mts*	Rmt	470.00	Rupees Four Hundred Seventy Only
18	150.00	*e) 200.00 to 250.00 mts*	Rmt	544.00	Rupees Five Hundred Forty Four Only
19	150.00	*f) 250.00 to300.00 mts*	Rmt	622.00	Rupees Six Hundred Twenty Two Only
20	198.00	*g) 300.00 to366.00 mts(*	Rmt	658.00	Rupees Six Hundred Fifty Eight Only
21	75.00	Supply of ISI mark 175 mm nominal bore,plain end steel casing pipe grade of steel fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, eletric resistence welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts. Both ends threaded confirming to IS 554/1985, one end fixed with socket conforming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking, weighing 25.10Kg/mtr (inclusive of all taxes and duties). Prices including collar medium duty	Rmt	1325.00	Rupees One Thousand Three Hundred Twenty Five Only
22	36.00	PVC Pipe 10kg/Sqm 250mm outer dia (PW,P &IWTD 16-17) P XXXIII Sl NO.3008	Each	2600.00	Rupees Two Thousand Six Hundred Only
23	3.00	Supply of 175mm MS Cap.	Each	100.00	Rupees One Hundred Only
24	12.00	Supply of 175mm MS COLLAR.	Each	150.00	Rupees One Hundred Fifty Only

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25	3.00	Supply and Deliver at site Brand new CRI/Texmo/Atlant/Luby/Suguna make or any Equalant ISI Make Suitable forvertical instalation in 150mm dia bore wella comprising of single stage or multistage CF pump closed by mens of stainless steel coupling to suitable HP, suitable speed totaly enclosed and fitted with pure drinking water (wet type) squirral cage submersible indextion motor suitable for operation of 30PH 50HZ 380/440 Volts AC supply fitted with required acceseries, and gouard non return valve, ect,. Complete the Pump and motor shell form an integral unit with all the required fitting 15HP/30Stage (including VAT) with all lead and left and as per directiong of the Engineer incharge of work	Nos	70600.00	Rupees Seventy Thousand Six Hundred Only
26	810.00	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 50mm ia nominal bore with fittings (medium grade weight 1.27 Kg/mtr) B class including cost of all materials, labour charges, HOM of equipment and testing complete as per specifications.	Rmt	432.00	Rupees Four Hundred Thirty Two Only
27	1758.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper conductor cofirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of Group A 3C x 6.0 Sq.mm	Mtr	163.50	Rupees One Hundred Sixty Three And Paise Fifty Only
28	3.00	Errection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair of supporting clams, borewell cap, cable clips with bolts, nuts, valve gauges etc., involved in the job. (Necessary G.I.Pipe and specials will be supplied by the board at the site free of cost)(CE (M) BWSSB, Letter No.BWSSB/CE(M)ACE(M)-II/TA-8/9194/2008-09 dated 21/1/09) (PRED SR 2012-13 P 56 I 10.3.10, 10.3.20, 10.3.21, 10.3.22(550+950+850+650=3000)	Nos	3000.00	Rupees Three Thousand Only
29	135.00	Supplying and fixing 50mm heavy duty GI (Hose)Collars.	Nos	103.00	Rupees One Hundred Three Only
30	3.00	Providing and fixing in position 50mm Nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipment with all leads compleate as per specification.	Nos	1496.00	Rupees One Thousand Four Hundred Ninety Six Only
31	6.00	Supplying and fixing 50mm GI Union.	Nos	223.70	Rupees Two Hundred Twenty Three And Paise Seventy Only

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	3.00	Supplying and fully atutomatic star-delta unit push button type with suitable wires, 3 contactosr, one adjustable thermal timer mounted on a common base late held in steel enclosure for use on 440/440 volts 3 phase and wired after to the existing wooden board for motor 15.0 HP	Nos	8273.00	Rupees Eight Thousand Two Hundred Seventy Three Only
33	3.00	Erection of single phase preventor ammeters/ including fixing selector switch/ current operated earth leakage circuit breakers voltage oerated earth leakage circuit breakers voltage operated circuit breaker/ above 100A fuse channel set (3 Nos) HRC fuses above 100A (3 Nos) including wiring using suitable capacity wires, bolts, nuts, screws etc, including transportation charges from stores to spotElc Sr 2014-15	Nos	157.00	Rupees One Hundred Fifty Seven Only
34	3.00	Fabricating, supplying and mounting 1200x900x350 mm MS box made out of 18 SWG suitable for floor/ wall mounting, fully weather proof with double stanted top as per drawing with provision for better heat dissipation provided with hinged front cover with clear clamped to the door on EB meter side to facilitate meter reading, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with approved colour enameled metal plant etc, complete box of 36200 Sqcm, @ Rs.0.20 18 SWG	Nos	7866.00	Rupees Seven Thousand Eight Hundred Sixty Six Only
35	3.00	Supplying and fixing miniature circuit breakers/isolators on existing MCB distribution boards using necessary fixing materials and wiring complete as required - 40 to 63 amps triple pole	Nos	677.00	Rupees Six Hundred Seventy Seven Only
36	3.00	Supplying andrunning of GI copper strip or grounding connection using necessary fixing material required 600x600c3mm GI plate	Nos	784.00	Rupees Seven Hundred Eighty Four Only
37	9.00	Supplying and fixing Porcelain fuse channel with cut out on the existing wooden /panel using necessary nuts bolts and washer etc., complete...	Nos	120.00	Rupees One Hundred Twenty Only
38	3.00	Providing and fixing in position brass gate valve with C.I. Wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete s per specifications.	Nos	2052.00	Rupees Two Thousand Fifty Two Only
39	36.00	Supplying and laying of L.T.U.G cable having aluminium conductor PVC insulated shethed galvanised steel wire/steel tape armoured cable with PVC outer sheathing 1.1 KV class 4 core 16 Sqmm PVC cable	Mtr	140.40	Rupees One Hundred Forty And Paise Forty Only
40	36.00	Labour charges for Laying of 1.1 KV Class UG cable 6 Sqmm to 16 sqmm	Mtr	10.80	Rupees Ten And Paise Eighty Only
41	60.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating in Hard soil etc., complete. complete as per specifications and direction of the Engineer-in-Charge	Mtr	78.00	Rupees Seventy Eight Only

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	30.00	Supplying and fixing Class-A (Medium duty) -GI pipe wall thickness not less than 3.25mm on pole/wall/Drain crossing with necessary clamping arrangements for UG Cable of 1.1 KV class 65mm	Mtr	585.00	Rupees Five Hundred Eighty Five Only
43	3.00	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled wiith necessary bitumen / insulating compound complete. With terminals, clamps, bolts nuts and washers etc.complete for 16 Sqmm as per specification	Each	280.00	Rupees Two Hundred Eighty Only
44	47.25	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches,stacking the excavated soil clear from edges of excavation with lead upto 50 m.after breaking of clods complete as per specification.spacification.	Cum	305.64	Rupees Three Hundred Five And Paise Sixty Four Only
45	105.00	Providing and Installing at site work P.V.C Including cost of pipe and specials and Labour, including lowering into trenches, laying true to line level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe allround to a depth not less than 15cms with gravel or selected earth available from the excavation etc., Complete, PVC pipes 63mmdia of 6kg/cm2	Mtr	112.00	Rupees One Hundred Twelve Only
46	33.09	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specificifictions.	Cum	80.56	Rupees Eighty And Paise Fifty Six Only

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